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REMARKS

Favorable reconsideration and allowance of the present application are

respectfully requested in view of the following remarks. Claims 1-23 were

pending prior to the Final Office Action. Claims 21-23 have been cancelled

through this Reply. Therefore, claims 1-20 are pending. Claims 1, 13 and 17 are

independent.

ALLOWABLE SUBJECT MATTER

Applicant appreciates that claims 21-23 are indicated to be allowable. The

features of the allowable claims have been incorporated into independent claims

1, 13 and 17, respectively.

§103 REJECTION - TADA, SUZUKI

Claims 1-6, 8, 11-12, 17 and 20 stand rejected under 35 U.S.C. § 103(a) as

allegedly being unpatentable over Tada (USP 4,746,993) in view of Suzuki et al.

(USP 6,141,043). Applicant respectfully traverses.

As indicated above, independent claims 1, and 17 are amended to

incorporate the features of the allowable claims 21 and 23, respectively.

Therefore, independent claims 1 and 17 are distinguishable over the cited

references. Claims 2-6, 8, 11-12, and 20 depend from independent claims 1 or

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17, directly or indirectly. Therefore, for at least the reasons stated with respect to

independent claims 1 and 17, these dependent claims are also distinguishable

over the cited references.

Applicant respectfully requests that the rejection of claims 1-6, 8, 11-12, 17

and 20 based on Tada and Suzuki be withdrawn.

§103 REJECTION - TADA, SUZUKI, OHMORI

Claims 13 and 15-16 stand rejected under 35 U.S.C. § 103(a) as allegedly

being unpatentable over Tada in view of Suzuki, and further in view of Ohmori

(USP 5,790,193). Applicant respectfully traverses.

Independent claim 13 is amended to include the features of the allowable

claim 22. Therefore, claim 13 is distinguishable over the combination of Tada,

Suzuki and Ohmori. Claims 15 and 16 depend from independent claim 13.

Therefore, for at least the reasons stated above with respect to independent claim

13, these dependent claims are also distinguishable over the cited references.

Applicant respectfully requests that the rejection of claims 13 and 15-16

based on Tada, Suzuki and Ohmori be withdrawn.

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§103 REJECTION - TADA, SUZUKI, OHMORI, COCCA

Claim 14 stands rejected under 35 U.S.C. § 103(a) as allegedly being

unpatentable over Tada in view of Suzuki et al., and Ohmori, and further in view

of Cocca (USP 5,387,955). Applicant respectfully traverses. It is noted that claim

14 depends from independent claim 13, and it has been demonstrated above that

claim 13 is now allowable. Therefore, for at least due to the dependency thereon,

claim 14 is now also allowable.

Applicant respectfully requests that the rejection of claim 14 based on

Tada, Suzuki, Ohmori and Cocca be withdrawn.

CONCLUSION

All objections and rejections raised in the Final Office Action having been

addressed, it is respectfully submitted that the present application is in condition

for allowance. Should there be any outstanding matters that need to be resolved,

the Examiner is respectfully requested to contact Hyung Sohn (Reg. No. 44,346),

to conduct an interview in an effort to expedite prosecution in connection with the

present application.

If necessary, the Commissioner is hereby authorized in this, concurrent,

and future replies, to charge payment or credit any overpayment to Deposit

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Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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MSW/HNS/ags

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